



COUNTY BOROUGH OF ROTHERHAM.

ANNUAL REPORT

Of the Health and Sanitary
Circumstances of Rotherham

together with the

Report of the Borough Hospitals

and of the

Borough Laboratory

For the Year 1921,


BY

ALFRED ROBINSON, M.D.

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ROTHERHAM:

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SUMMARY OF VITAL STATISTICS, 1921.

POPULATION.—Census 1921, 68,045. Under 5 years, 11,000 ;
5-15 years, 20,000 (estimated).

BIRTHS.—Total number registered, 1,941, including 104 illegitimates.
Birth-rate per 1,000 population, 28.54.

NOTIFICATIONS.—Total number received, 430, including :—

Smallpox	...	...	—	Malaria	...	...	...	—
Scarlet Fever	...	...	50	Ophthalmia Neonatorum	...	...	...	18
Diphtheria	...	...	45	Puerperal Fever	...	...	...	2
Enteric Fever	...	...	9	Pulmonary Tuberculosis	...	...	...	75
Erysipelas	...	...	44	Other forms of Tuberculosis	...	...	...	26
Measles	...	...	80	Dysentery	...	...	...	—
Pneumonia	...	...	79	Chicken Pox	...	...	...	2

DEATHS :—

Total uncorrected	...	994	Rate 14.61 per 1,000 living.
Total corrected	...	895	Rate 13.13 per 1,000 living.
Under 1 year of age	...	167	Rate 86 per 1,000 births registered.

Causes of Death : All Ages, Persons.

	No.	Rate per 1,000 living.	
Smallpox	...	—	
Measles	...	1	.01
Scarlet Fever	...	1	.01
Whooping Cough	...	19	.27
Diphtheria	...	1	.01
Typhoid Fever	...	1	.01
Erysipelas	...	1	.01
Diarrhoea	...	17	.25
Phthisis	...	63	.92
Tubercular Diseases	25	.36	
Cancer	...	69	1.01
Influenza	...	61	.90
Respiratory Diseases	209	3.07	{ Pneumonia ... 113 Bronchitis ... 91 Pleurisy ... 4 Other Diseases of the Respiratory System 1
Other Diseases	...	427	

BIRTH-RATE, DEATH-RATE, AND ANALYSIS OF MORTALITY DURING THE YEAR 1921.

(Provisional figures. Populations as enumerated in 1921 have been used for the purposes of this Table.
The Mortality Rates refer to the whole population as regards England and Wales, but only to civilians as regards London and the groups of towns)

	Birth-rate per 1,000 Total Population.	Annual Death-rate per 1,000 Population.								Rate per 1,000 Births.		Percentage of Total Deaths.				
		All Causes.	Enteric Fever.	Smallpox.	Measles.	Scarlet Fever.	Whooping Cough.	Diphtheria.	Influenza.	Violence.	Diarrhoea and Enteritis (under 2 Years).	Total Deaths under One Year.	Deaths in Public Institutions.	Certified Causes of Death	Inquest Cases.	Uncertified Causes of Death.
England and Wales	22.4	12.1	0.02	0.00	0.06	0.03	0.12	0.12	0.23	0.44	15.5	83	25.5	92.5	6.4	1.1
96 Great Towns, including London (1911 Census Popula- tions exceeding 50,000) ..	23.3	12.3	0.01	0.00	0.08	0.04	0.13	0.15	0.23	0.40	19.3	87	33.2	92.5	6.8	0.7
148 Smaller Towns (1911 Census Populations 20,000—50,000) .	22.7	11.3	0.01	0.00	0.05	0.03	0.11	0.11	0.26	0.35	15.6	84	17.7	93.5	5.1	1.4
London	22.3	12.4	0.01	0.00	0.05	0.06	0.12	0.25	0.23	0.42	21.3	80	49.2	91.6	8.2	0.2
Rotherham	28.54	13.13	0.01	0.00	0.01	0.01	0.27	0.01	0.90	0.36	9.8	86	20.1	95.06	4.91	0.03

Annual Report, 1921.

TO THE MAYOR, THE CHAIRMAN, ALDERMEN AND
COUNCILLORS OF THE COUNTY BOROUGH OF
ROTHERHAM.

GENTLEMEN,

I have the pleasure and honour of presenting to you my Annual Report on the health and sanitary conditions of the County Borough for 1921.

The population of the Borough, according to the Census taken in July, was 68,045, nearly 4,800 under my estimate. This difference in the estimate can be accounted for in several ways. The statistical-summary shows a decrease in the number of births as compared with the previous year, giving a birth-rate of 28.54, and an excess of births over deaths of 1046.

The corrected death-rate is 13.13, as against 11.45 in 1920, and an average of 15.07 during the last ten years.

This reduction is very satisfactory. The death-rate for Rotherham compares very favourably with that of the 96 large towns.

The number of deaths from Diarrhoea was 17, which shows a considerable decline when compared with years that are passed, and is a source of gratification, as the number of deaths from this disease is usually acknowledged to be a definite index of the sanitary condition of a town generally. It is doubly satisfactory when the abnormal heat during the past summer and autumn is taken into consideration. The excellent work at the Maternity and Child Welfare Centre, Ferham House, is largely responsible for this improvement, and much credit must be given to the Medical Officer, Dr. Riddell, the Matron, Mrs. Richardson, and her Staff for their valuable and laudable exertions that have produced such effective results.

THE POSSIBILITIES OF MATERNITY AND CHILD WELFARE WORK.

The increasing recognition of Maternity and Child Welfare work as one of the most important branches of preventative medicine is welcomed by all classes of the community.

It is one of the youngest branches of Public Health work, and despite this handicap is already one of the most solidly established. Each young life saved is a great potential monetary gain to the nation. Each woman protected at a Maternity Centre at the time of great trial is not only a fruitful vine saved from destruction but

a human being preserved from the crippling grasp of disease. The results achieved in all districts where such schemes have been in operation have been such that all civilised nations are trying to excel in the extension of the scope of this work.

This branch of Public Health work holds out immense possibilities, amongst which we may safely number even at the present time and in the infants' side alone the prevention of crippling, deformity, blindness, venereal disease, and possibly also systemic diseases, the result of improper nutrition of the infant during intra-uterine and early life.

The Maternity and Child Welfare Centre at Ferham House was opened on 3rd December, 1920. The results shown in the following Table are interesting to prove how successful and important this work has been during the year 1921.

FERHAM HOUSE.

No. of Confinements.	Deaths of Mothers.	Rate per 1,000.	Infant deaths.	Rate per 1,000 births.
225	2	8.8	7	31.11

REMAINDER OF BOROUGH.

1716	8	4.66	160	92.23
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During the year only 80 cases of Measles were reported, resulting in one death, the lowest number for 16 years. I anticipate an epidemic in the near future, there being a number of susceptible children in the Borough available. In the past, epidemics of this disease occur once in every three years. Pneumonia is usually associated with Measles, so if there should be an outbreak our infantile mortality will be affected adversely.

CONCLUSION.

My sincere thanks are accorded to the Chairman, Alderman Wormald, O.B.E., and the members of the Health Committee, for their continued support and appreciation of the Public Health Department's efforts—efforts in which the whole of an excellent Staff have given their best services.

I regret exceedingly that it has been found necessary, on the score of economy alone, to dispense with one of the Sanitary Inspectors and one Female Health Visitor.

I have the honour to be,

Mr. Mayor, Mr. Chairman and Gentlemen,

Your obedient servant,

ALFRED ROBINSON, M.D.,

Medical Officer of Health.

TABLE SHOWING STATISTICS IN ROTHERHAM SINCE THE YEAR 1874.

Year.	Birth Rate.	Death Rate.	*Zymotic Death Rate.	Infantile Mortality Rate.	Population.
1874	49.33	26.21	4.70	155	28,379
1875	47.92	27.44	5.69	204	29,319
1876	43.58	20.16	3.66	180	30,149
1877	43.41	18.98	1.31	130	31,029
1878	43.97	21.62	5.94	137	31,631
1879	41.94	18.71	1.52	100	32,091
1880	41.50	20.16	2.55	91	34,404
1881	†40.16	17.22	1.89	151	34,782
1882	40.20	20.98	2.84	155	35,547
1883	33.32	20.56	1.99	165	35,650
1884	42.46	19.20	3.90	146	35,650
1885	32.70	18.26	1.96	163	35,650
1886	41.95	20.25	2.61	159	35,550
1887	37.61	20.30	2.87	156	36,000
1888	36.72	18.10	1.38	119	36,182
1889	38.60	22.65	3.26	211	36,807
1890	38.39	20.84	3.17	137	37,907
1891	†35.50	24.93	3.51	181	43,000
1892	35.61	19.00	1.97	157	44,000
1893	37.13	19.91	3.23	175	46,000
1894	32.00	16.51	2.08	156	47,000
1895	36.18	16.66	1.97	154	48,000
1896	34.36	15.00	1.40	149	50,000
1897	34.62	18.33	1.65	177	51,000
1898	34.32	16.75	1.26	161	52,000
1899	35.90	17.54	0.92	166	53,000
1900	36.24	18.31	1.62	170	54,000
1901	†35.26	17.64	3.57	145	56,000
1902	34.56	15.17	1.70	141	57,000
1903	33.33	17.31	3.19	187	58,000
1904	32.70	15.83	2.69	164	59,000
1905	31.91	13.93	1.16	123	60,000
1906	31.60	16.34	2.16	158	61,500
1907	32.29	15.45	1.39	146	62,500
1908	32.75	15.62	3.00	142	64,000
1909	31.78	12.94	1.076	116	65,000
1910	28.21	13.73	1.71	130	66,500
1911	†28.85	16.62	3.18	161	62,700
1912	29.53	15.79	2.22	119	63,500
1913	30.25	15.56	1.81	144	64,500
1914	30.32	15.43	1.77	118	65,300
1915	28.02	17.13	2.38	129	65,300
1916	27.60	15.55	2.06	130	65,300
1917	24.79	13.90	1.05	97	65,300
1918	24.91	19.61	5.30	132	65,300
1919	22.75	13.19	1.48	91	72,800
1920	27.77	11.45	.47	100	72,800
1921	†28.54	13.13	.57	86	68,045

* Principal Zymotic Diseases. † Census Year.

VENEREAL DISEASES IN ROTHERHAM.

The Venereal Centre has now been established in Rotherham about three years. The following tables show the work which has been done here since its inception :—

Total number of persons dealt with during the year at or in connection with the out-patient Clinic and suffering from :—	1919	1920		1921		Total.
	New Cases.	Number of persons who were under treatment or observation on 1st January, 1920.	Number of persons dealt with during the year for the first time.	Number of persons who were under treatment or observation on 1st January, 1921.	Number of persons dealt with during the year for the first time.	
Syphilis	104	20	80	30	78	108
Syphilis & Gonorrhoea	4	—	—	—	—	—
Soft Chancre	5	1	4	—	—	—
Gonorrhoea and Soft Chancre	8	—	—	—	—	—
Gonorrhoea	62	6	60	3	45	48
Conditions other than Venereal	40	0	8	—	23	23
Totals	223	27	152	33	146	179

	1919.	1920.	1921.
Total attendances of all patients during the year at the out-patient clinic	1519	964	838
Aggregate number of "In-patient days" of treatment during the year	—	—	—

THE CONVERSION OF PRIVIES, PROVISION OF ASHBINS, &c.,
1892—1921.

Year.	Number of Conversions.	Enactment.	Dry Ashpits Abolished.	Ashbins Provided.	Number of cases of Typhoid Notified.	Typhoid Death Rate per 1,000.	Diarrhoea Death Rate.
1892	27	P.H.A. 1875 Section 36	..	..	43	.25	.5
1893	4	..	..	..	65	.13	1.65
1894	12	..	..	..	53	.27	.14
1895	39	..	..	..	79	.23	1.18
1896	33	..	..	..	82	.22	.56
1897	45	..	..	..	91	.36	.75
1898	54	..	..	..	60	.22	1.26
1899	77	..	..	..	101	.33	1.00
1900	94	..	..	..	72	.13	.83
1901	111	..	..	..	77	.14	2.12
1902	227	..	..	..	58	.15	.58
1903	271	..	..	..	67	.17	1.58
1904	314	..	..	..	42	.203	1.49
1905	205	..	..	..	56	.03	.41
1906	289	..	..	44	66	.13	.83
1907	259	..	..	140	47	.09	1.02
1908	268	..	..	264	99	.25	1.18
Jan. to May, 1909	322	..	..	739	43	.15	.49
June to Dec.	56	R.C.A. 1904 Section 98	..	..	..	..	..
1909	445	..	..	245	31	.13	.21
1910	734	..	..	357	48	.21	1.74
1911	734	..	..	764	38	.15	.17
1912	175	..	..	527	23	.05	.76
1913	63	..	..	233	33	.04	.52
1914	21	..	29	268	31	.10	.82
1915	7	..	32	68	18	.06	.39
1916	—	—	1	17	10	.04	.10
1917	—	—	1	14	5	.03	.88
1918	—	—	1	96	3	.01	.08
1919	8	R.C.A. 1904	3	1288	5	.02	.26
1920	32	..	62	1176	9	.01	.25
1921	20	.. 1921	83	..	..	..	..
Total	4212	—	212	6240	—	—	—

STATISTICS AS TO ENTERIC FEVER IN ROTHERHAM DURING
THE LAST 16 YEARS.

YEAR.	Estimated Population.	No. of Cases of Enteric Fever Notified or Ascertained.	No. of such patients isolated in Hospital.	Total Deaths registered from Enteric Fever.	Mortality per cent. of Cases Notified.	Percentage removed to Hospital.
1906....	61,500	66	14	8	12.12	21.21
1907....	62,500	47	20	6	12.77	42.55
1908....	64,000	99	48	16	16.6	48.48
1909....	65,000	43	29	10	23.25	67.44
1910....	66,500	31	17	9	29.03	54.84
*1911....	62,700	48	30	13	27.17	62.5
1912....	63,500	38	36	10	26.7	94.7
1913....	64,500	23	20	3	13.04	86.95
1914....	65,300	33	26	3	9.09	78.78
1915....	65,300	31	27	†6	19.39	87.09
1916....	65,300	18	14	4	22.22	77.77
1917....	65 300	10	8	3	30.00	80.00
1918....	65,300	5	5	1	20.00	100.00
1919....	72,800	3	.	1	33.00	....
1920....	72,800	5	†5	2	40.00	80.00
*1921....	68,045	9	∅ 50 ∅	1	11.11	100.00

* Census year.

† One death from Typhoid Fever was Extra Urban.

† One case admitted into Hospital was Extra Urban.

∅ 32 cases were admitted from Bolton-on-Dearne.

∅ 9 suspected cases were admitted.

ENTERIC (TYPHOID) FEVER.

Table showing the number of cases occurring each month in the various Wards during 1921.

	East.	St. Ann's.	Clifton.	South.	West.	North.	Thornhill.	Masbro'.	Kimberworth.	Total.
January	1	..	..	..	..	..	..	..	1
February	0
March	1	..	..	..	1
April	0
May	0
June	0
July	0
August	0
September	7	..	..	..	..	7
October	0
November	0
December	0
Totals	..	1	..	..	7	1	..	..	..	9

FERHAM HOUSE.

Ferham House was opened on December 3rd, 1920, as a Maternity Hospital and Ante-natal and Child Welfare Clinic, and has since been an active centre for work amongst mothers and children.

MATERNITY.—The maternity beds were at first nine in number, but in a very short time were increased to 12, and very often emergency beds over that number have had to be provided. The hospital has been full since the commencement, and over 100 applications for admission have had to be declined.

During the year 225 patients were delivered, and amongst these were a large number of difficult and complicated confinements, as the following list shows:—

Breech	...	...	...	...	...	8
Impacted Breech	...	...	...	...	...	4
Footling	...	...	...	...	...	1
Brow	...	...	...	...	...	1
Placenta Prævia	...	...	...	...	...	2
Persistent O.P.	...	...	...	...	...	5
Eclampsia	...	...	...	...	...	1
Cranotomy	...	...	...	...	...	1
Cæsarean Section	...	...	...	...	...	1

Amongst the Infants born there were the following abnormalities :—

Stillborn	...	...	...	...	...	6
Premature	...	...	...	...	...	6
Macerated Feotuses			...	...	...	4
Deformed Infants	...	...	...	...	...	2
Twins	...	...	...	...	...	2

Five premature infants lived only a few hours. Two deformed infants lived for a few days, otherwise there has been no deaths amongst babies in the Institution.

Two mothers died, one from Heart Failure following Influenza and the other from Pneumonia.

The average length of stay for mothers has been fourteen days, a period which has only been exceeded in a few cases.

Five venereal cases were treated in isolation from the others, and several patients received ante-natal treatment in the hospital.

GENERAL REPORT.

During the year 1921, 13,181 visits have been paid by the Health Visitors, the majority being to infants and children under school age. On reviewing the year's work it is particularly interesting to note the increased breast feeding and consequently the decrease of digestive troubles.

There has been no change on the Health Visiting Staff. One Health Visitor was granted six months' leave of absence to enable her to obtain her C.M.B. Certificate; this she successfully did on June 10th, 1921. During her absence her area was divided between the remaining staff, so that the continuation of her work was carried on.

The infantile mortality rate is the lowest on record, and is, I believe, due to the increased breast feeding and the practical lesson learned at Ferham House.

The Welfare work has increased to three sessions weekly instead of two, and all are well attended. From September, 1921, all three sessions have been held at Ferham House. The Ante-natal work has taken a strong hold since removing to Ferham House; the women seem to think it is the right place to come with their ailments. The figures have gone up from 47 to 468. This is a step in the right direction, as advice and treatment often mean healthy mother and child, and it is very encouraging to see the splendid specimens now being brought up weekly.

Dried milk has been allowed free during the year to all necessitous cases, where the Health Visitors have found want. Every application has been visited and carefully investigated, and granted where necessary. This has been considerable owing to the continued out of work and general depression of trade.

VOLUNTARY HELP DEPARTMENT.

During the year 1921, twelve ladies have attended in rotation on Mondays, Wednesdays, and Fridays to serve the tea and to sell patterns, etc. The cutting out of the paper patterns has been done by these helpers. Some other ladies have come as reserve helpers when required.

The mothers take much interest in the little sample garments, and in the little patterns, and co-operate by bringing " tried " ones of their own.

We are very grateful for the valuable help given in the knitting of vests, etc., by the Staff and girls of the Kimberworth H.S. School and by other friends.

During the year there have been made

24 Vests,

115 Umbilical Hernia Belts,

310 Paper Patterns.

TABLE OF ATTENDANCES AT THE MATERNITY CENTRE DURING 1921.

Number of Consultations held	...	...	...	143
Infants attending :—				
Under two years	...	...	...	3161
Over two years	...	...	...	386
New Cases over two years	...	...	...	188
New Cases under two years	...	...	...	765
New Cases out of Borough	...	...	...	105
Ante-natals attending	...	...	...	468
Total attendances	...	...	...	4973
Average attendance	...	...	...	31.50

1928 defects were treated at the Centre during the year.

The following Table gives details of the food disposed of at the Municipal Dried Milk Depot during 1921 :—

Glaxo sold during the year ...	...	...	43,376	lbs.
Glaxo free to necessitous cases ...	...	...	640	lbs.
Roboliene sold ...	...	...	1,344½	lbs.
Roboliene free ...	...	...	124	lbs.
Cream of Malt sold ...	...	...	132	lbs.
Cream of Malt free ...	...	...	12	lbs.
Vi-Lactogen sold ...	...	...	3,142	lbs.
Vi-Lactogen free ...	...	...	67	lbs.
Virol sold ...	...	...	40½	lbs.
Virol free ...	...	...	2	lbs.
Lactogal sold ...	...	...	8	lbs.

STATISTICS RE 994 MIDWIVES' CASES.

Number visited ...	...	...	...	...	994
First born ...	...	...	...	...	196
Infants deceased ...	...	...	...	...	73
Illegitimate ...	...	...	...	...	40
Premature Births ...	...	...	...	...	45
Still Births ...	...	...	...	...	28
Dirty Houses ...	...	...	...	...	110

MIDWIVES REPORT, 1921.

Certificate No.	No. of Cases.	Infants living.	Infants deceased	Still Births.	During 1st month.		Cases of Ophthalmia.	Cases of Puerperal Fever.	Mothers deceased	Illegiti- mate Infants	Twin Births.	Medical aid required.
					Breast fed.	Bottle fed						
3857	215	196	20	3	192	4	2	—	—	9	4	19
34006	173	155	14	4	146	9	3	—	—	9	—	30
4924	126	109	12	5	101	8	3	—	1	4	—	22
44515	60	51	8	3	46	5	1	—	1	6	2	37
45089	60	56	2	3	52	4	—	—	—	—	1	40
2910	53	47	3	3	44	3	1	—	1	—	—	6
39157	52	48	3	1	45	3	—	—	—	3	—	4
47557	52	51	—	1	47	4	1	—	—	1	—	19
8590	43	40	3	—	38	2	—	—	—	3	—	1
40576	31	25	5	1	22	3	2	—	—	3	—	3
40344	21	20	—	1	20	—	—	—	—	—	—	1
5767	15	13	1	1	12	1	—	—	—	—	—	6
31560	14	13	—	1	9	4	—	—	—	—	—	2
820	14	11	2	1	10	1	1	—	—	1	—	4
53554	6	6	—	—	5	1	—	—	—	—	—	1
50002	2	2	—	—	2	—	—	—	—	—	—	1
42652	1	1	—	—	1	—	—	—	—	—	—	—
19376	1	1	—	—	1	—	—	—	—	—	—	—
31534	1	1	—	—	1	—	—	—	—	—	—	—
38386	4	4	—	—	4	—	—	—	—	1	—	—

INFANT FEEDING, 1921.

Number of Births registered	...	...	...	1941
Number of Births not visited	...	...	...	197

FEEDING.

Natural feeding	...	...	...	...	1145
Supplementary feeding	...	...	...	...	229
Dried milk	...	...	...	...	200
Cow's milk	...	...	...	...	14
Condensed milk	...	...	...	...	57
Proprietary foods	...	...	...	...	31
Unsuitable foods: Boiled bread, sago, oatmeal, cornflour, etc.	...	...	...	...	27
Not fed—died from prematurity and other causes within a week	...	...	...	...	41
					<hr/> 1744

Of the 1703 births enquired into during the past year with regard to feeding, it is conspicuously noticeable that the majority has been breast fed either entirely or partially so. Only 329 infants have been entirely artificially fed. This feature of breast feeding at a time attended by many worries and difficulties is remarkable, and I believe is due in a great measure to the object lesson learned by the mothers who have had their babies at Ferham House (out of the 225 births there, with one or two exceptions have been breast fed). These mothers spread the news to their neighbours, and what is done at Ferham House is copied in their homes. Another cause of increased breast feeding may be the economic pressure which has caused mothers to sustain lactation on low diet. This shows that diet is not the greatest factor in establishing breast feeding, and rather adds proof to the theory that "When a woman makes up her mind to breast feed her baby by persevering creates a demand, then Nature, ever abundant, will yield the supply if infant is fed at regular intervals, thus aiding her functions."

During the past year the artificial feeding of infants has been beyond the means of many, and one has heard less of the complaint that "Baby had to be put on the bottle because he would not suck." 1921 babies have had to suck, and the results have been a big increase in sustained breast feeding, fewer digestive troubles, and the lowest mortality rate amongst infants on record.

Number of Births notified under the Notification of Births Act during 1921. Divided into Wards (including Still-births).

Ward.	Males.	Females.	Un-stated.	Still Births.	Total.
East.....	59	80	2	6	147
St. Ann's	134	132	3	6	275
Clifton	60	43	1	..	104
South	60	47	1	6	114
West	69	72	5	11	157
North	190	220	7	5	422
Thornhill	133	124	2	7	266
Masbro'	96	94	12	10	212
Kimberworth	74	84	5	4	167
Totals	875	896	38	55	1864

DEATHS UNDER ONE YEAR IN THE VARIOUS WARDS.

	East.	St. Ann's	Clifton.	South.	West.	North.	Thornhill.	Masbro'.	Kimberworth.	Workhouse.	Hospital.	Isolation Hospital.	TOTALS.
January .....	..	..	..	..	2	..	..	2	1	..	..	..	5
February .....	..	1	..	1	2	2	4	..	1	1	..	..	12
March	2	2	1	2	..	3	4	2	3	1	..	..	20
April	1	3	1	..	..	2	2	1	..	..	1	..	11
May .....	..	2	..	..	1	1	1	2	2	1	..	..	10
June .....	..	2	1	..	1	..	2	..	..	..	..	..	6
July .....	..	2	..	1	..	4	1	..	1	..	..	..	9
August	2	3	..	1	2	1	5	2	1	..	..	..	17
September ...	1	1	1	..	2	2	2	3	2	1	1	..	16
October .....	..	2	..	1	2	3	1	1	3	..	1	..	14
November....	1	2	..	1	3	4	5	3	3	2	..	..	24
December ...	1	3	..	1	3	3	3	3	5	1	..	..	23
Totals	8	23	4	8	18	25	30	19	22	7	3	..	167

OPHTHALMIA NEONATORUM, 1921.

Number of cases	...	...	...	...	...	18
Treated at home	...	...	...	...	...	7
Treated at Clinic	...	...	...	...	...	11
Vision impaired	...	...	...	...	...	2
Vision unimpaired	...	...	...	...	...	16
Total blindness	...	...	...	...	...	0
Deaths	...	...	...	...	...	0

The following table gives the Infantile Mortality Rate in Rotherham for the past 19 years :—

1903	..	..	..	187	1913	..	..	..	144
1904	..	..	..	164	1914	..	..	..	118
1905	..	..	..	123	1915	..	..	..	129
1906	..	..	..	158	1916	..	..	..	130
1907	..	..	..	146	1917	..	..	..	97
1908	..	..	..	142	1918	..	..	..	132
1909	..	..	..	116	1919	..	..	..	91
1910	..	..	..	130	1920	..	..	..	100
1911	..	..	..	161	1921	...	...	...	86
1912	..	..	..	119					

SHOWING THE INFLUENCE OF THE WEATHER ON INFANTILE MORTALITY.

	Number of births.	Deaths under one year.	Infantile Mortality.
January	145	5	34
February	145	12	82
March	163	20	122
April	163	11	67
May	178	10	56
June	178	6	3½
July	163	9	55
August	161	17	105
September	164	16	97
October	171	11	81
November.	153	24	156
December	157	23	146

INFANTILE MORTALITY.

1921. Nett Deaths from stated causes at various ages under 1 Year of Age

CAUSE OF DEATH.		Under 1 week.	1-2 weeks.	2-3 weeks.	3-4 weeks.	Total under 4 weeks.	4 weeks and under 3 months.	3 months and under 6 months.	6 months and under 9 months.	9 months and under 12 months.	Total Deaths under 1 year
All causes:	Certified	36	13	5	3	57	28	34	27	19	165
	Uncertified ..	2	..	..	..	2	...	..	..	...	2
Measles .....		..	..	..	..	..	..	..	..	..	..
Whooping Cough.....		..	..	..	..	..	2	1	3	2	8
Tuberculous Meningitis .....		..	..	..	..	..	..	..	..	..	..
Other Tuberculous Diseases .....		..	..	..	..	..	..	..	..	..	..
Convulsions		1	1	..	..	2	1	2	..	2	7
Bronchitis.....		..	1	1	1	3	5	5	2	2	17
Pneumonia (all forms) .....		..	2	..	..	2	4	8	10	10	34
Diarrhœa .....		..	..	..	..	..	2	6	2	..	10
Enteritis .....		..	..	..	..	..	..	3	..	1	4
Syphilis .....		..	..	1	..	1	..	..	..	..	1
Rickets .....		..	..	..	..	..	..	..	..	..	..
Suffocation, overlying .....		..	..	..	..	..	1	..	..	..	1
Congenital Malformation ..		6	3	1	..	10	1	..	..	..	11
Premature Birth		30	5	1	1	37	2	..	1	..	40
Atrophy and Debility .....		..	..	..	..	..	..	..	1	..	1
Marasmus .....		..	..	..	1	1	1	1	1	..	4
Influenza .....		..	..	..	..	..	2	3	3	1	9
Other Causes		1	1	1	..	3	7	5	4	1	20
		38	13	5	3	59	28	34	27	19	167

Nett Births in the year: Legitimate, 1,837. Illegitimate, 104.

Nett Deaths in the year: Legitimate infants, 154. Illegitimate infants, 13.

Legitimate Infantile Mortality Rate : 83 per 1,000 births.

Illegitimate Infantile Mortality Rate : 125 per 1,000 births.

TUBERCULOSIS REPORT.

I beg to submit my report for the year ended 31st December, 1921, on the Diagnosis and Treatment of Tuberculosis in Rotherham.

THE DISPENSARY.—During the year 4258 attendances were made at the Dispensary.

The number of individuals who attended was 518, and comprised 308 who had visited the Dispensary prior to 1921 and 210 cases who attended for the first time during the year under review. Of the total number 78 were found non-tubercular and were not treated, whilst 440 were found in need of treatment.

In Table I. the cases are summarised with reference to their relationship to the National Insurance Act and in Table II. with reference to sex.

TABLE I.

INSURANCE CLASSIFICATION.

	Insured.	Other.	Total.
Old cases seen	146	162	308
New cases examined.....	78	132	210
New cases treated	57	75	132
New cases negative	21	57	78
Total treated	203	237	440

TABLE II.

SEX CLASSIFICATION.

	Insured.		Others.		Total.	
	Male.	Female.	Male.	Female.	Male.	Female.
Old cases seen	115	31	70	92	185	123
New cases examined	62	16	52	80	114	96
New cases treated	44	13	29	46	73	59
New cases negative	18	3	23	34	41	37
Total treated	159	44	99	138	258	182

In Table III. the diagnoses of the negative cases are given showing the various conditions that had been considered as possible tuberculosis.

TABLE III.
CASES FOUND NEGATIVE.

Normal	...	...	...	...	...	21
Anæmia : Malnutrition, etc.	...	...	...	...	...	5
Upper Respiratory Obstruction, etc.	...	...	...	...	...	3
Cardiac Disease	...	...	...	...	...	4
Bronchitis : Bronchiectasis : Emphysema, etc.	...	...	...	...	...	28
Pneumonia : Broncho Pneumonia	...	...	...	...	...	3
Fibrosis of Lung	...	...	...	...	...	2
Exophthalmic Goitre	...	...	...	...	...	2
Rickets	...	...	...	...	...	4
Other conditions	...	...	...	...	...	6
Total	...	...	...	...	...	78

It should be observed that the work of differential diagnosis is exceedingly difficult in its relation to Tuberculosis, and that very often several examinations are necessary before the possibility of tubercular disease can be definitely excluded. This is particularly so with the existing Dispensary equipment, which cannot be considered quite adequate. When it is remembered that each negative case is a direct saving of money which would need to be spent were the diagnosis positive, the importance of certainty of opinion will be apparent, particularly when in addition a negative diagnosis means so much to the patient concerned.

In Table IV. an analysis is made of the "contacts" examined. During the year 37 were seen—a number unfortunately small owing to the pressure of more urgent cases. It is hoped that in the future more time will be available for this particular group of cases, in which very often so much can be accomplished.

TABLE IV.

CONTACTS.

	Insured.	Others.	Total.
Examined	10	27	37
Treated	7	10	17
Negative	3	17	20

In Table V. a summary of children seen at the Dispensary is given. In conformity with official statistical forms, children include all cases under 16 years of age. It will be seen that altogether 226 were reviewed, including 134 from previous years and 92 from the year under consideration.

TABLE V.

CHILDREN.

	Male.	Female.	Total.
Old cases seen	67	67	134
New cases examined.....	47	45	92
New cases treated	25	24	49
New cases negative	22	21	43
New cases sent by School and Child Welfare Medical Officers.....	19	15	34
Total treated	92	91	183

While Pulmonary Tuberculosis is by far the commonest form of tubercular disease, it must be remembered that tubercle attacks any organ of the body in addition to the lungs. During the year 49 cases of non-pulmonary tuberculosis were seen, 35 from previous years and 14 from the year under review.

In Table VI. an analysis is made with reference to Insurance and Sex Classification.

TABLE VI.

NON-PULMONARY CASES.

	Insured.		Others.		Total.	
	Male.	Female.	Male.	Female.	Male.	Female.
Old cases.....	2	1	22	10	24	11
New cases	0	0	5	9	5	9
Total treated	2	1	27	19	29	20

In Table VII. an analysis of the actual cases in reference to the part of the body affected is given. It should be noted that all the laryngeal cases were suffering from pulmonary tuberculosis, and that several of the other cases were instances of complicated pulmonary disease.

TABLE VII.

NON-PULMONARY CASES TREATED.

Glands	...	...	...	...	...	...	14
Skin	...	...	...	...	...	...	7
Hip	...	...	...	...	...	...	7
Ankle	...	...	...	...	...	...	3
Knee	...	...	...	...	...	...	1
Elbow	...	...	...	...	...	...	1
Spine	...	...	...	...	...	...	3
Abdomen	...	...	...	...	...	...	8
Larynx	...	...	...	...	...	...	3
Ear	...	...	...	...	...	...	2
Total	...	...	...	...	...	...	49

In Table VIII. an analysis of the bacteriological examination of the sputum of the 394 treated pulmonary cases is given. The classification "negative" includes, in addition to those who have negative sputum, all those cases from whom no expectoration could be obtained. It will be seen that during the year 77 persons expectorating tubercle bacilli attended the Dispensary.

TABLE VIII.

TREATED PULMONARY CASES ACCORDING TO SPUTUM (392).

	Insured.		Others.		Total.	
	Positive	Negative	Positive.	Negative.	Positive.	Negative.
Old Cases ..	39	105	10	120	49	225
New Cases ..	18	39	10	53	28	92
Total ..	57	144	20	173	77	317

Note.—Three laryngeal cases also pulmonary.

In Table IX. a summary of ex-Service patients is given. Under the heading all cases who were in the Services during the Great War are included, irrespective of whether accepted as attributable, etc., or not.

TABLE IX.

EX-SERVICE MEN.

Old cases seen	...	...	...	...	72
New cases examined	...	...	...	...	27
New cases treated	...	...	...	...	17
New cases negative	...	...	...	...	10
Total treated	...	...	...	...	89
Died during the year	...	...	...	...	9
Transferred	...	...	...	...	1

In Table X. a classification is made of the immediate results of the treatment of cases during the year 1921. In dealing with a disease like Tuberculosis, the course of which is so prolonged and the treatment so long, there is great room for fallacy in estimating the results of treatment in a period of time newly ended, but the statistics referring to old cases may be indicative in some measure of the actual therapeutic value of the Dispensary.

TABLE X.

IMMEDIATE RESULTS OF TREATMENT IN 1921.

	Well and working ; At School ; Under Observation.	Improved and under Treatment.	Stationary ; Worse ; Referred to Doctor.	Refused Treatment.	Dead.	Transferred to other Districts.	In Sana- torium at end of year.	Total.
Old Cases : Insured ...	60	32	10	2	23	6	13	146
Others ...	92	35	9	9	11	2	4	162
Total	152	67	19	11	34	8	17	308
New cases : Insured ...	10	12	13	0	6	3	13	57
Others ...	18	23	15	0	5	4	10	75
Total	28	35	28	0	11	7	23	132
Combined totals	180	102	47	11	45	15	40	440

During the year the following work was performed by the Tuberculosis Nurse in addition to her actual clinical duties at the Dispensary on three sessions a week :—

Visits to patients' homes	...	...	...	2140
Notifications enquired into	...	...	...	109

SANATORIA.—During the greater part of the year 52 beds were available for persons suffering from Tuberculosis, 24 at the Kimberworth Sanatorium, 10 at the Isolation Hospital Shelter, 13 at Oakwood Hall, together with four rented at Meathop and one at Preston Hall Training Colony.

On October 27th, 1921, the 13 patients at Oakwood Hall, who had been accommodated in a temporary structure, were transferred to one of the completed blocks of the new Sanatorium there. Subsequently, on November 21st, Kimberworth Sanatorium was closed, and 23 of the patients transferred to Oakwood Hall.

This step in the centralisation of institutional treatment, brought about by the progress in construction of the new Sanatorium, was a very desirable one and one which will be carried out as soon as possible with regard to the rented beds at Meathop and the Shelter at the Isolation Hospital. (Note: This was done on the 13th and 14th of January, 1922, respectively.)

In the following Table (Table XI.) details are given regarding the occupancy of the Sanatorium beds.

TABLE XI.

Sanatorium Cases treated during the year 1921.

	Kimberworth.			Oakwood Hall.			Isolation Hospital.			Preston Hall and Meathop.		
	M.	F.	Tl.	M.	F.	Tl.	M.	F.	Tl.	M.	F.	Tl.
Cases remaining under treatment from 1921	10	6	16	13	0	13	10	0	10	2	2	4
New Cases admitted in 1921.....	20	37	57	41	16	57	18	0	18	5	7	12
Discharged in 1921 ..	19	31	50	28	7	35	15	0	15	6	5	11
Transferred to Oakwood Sanatorium ..	11	12	23	0	0	0	3	0	3	0	0	0
Died in Sanatorium ..	0	0	0	5	1	6	2	0	2	0	2	2
Remaining in Sanatorium, 31st Dec., 1921	0	0	0	21	8	29	8	0	8	1	2	3

During the year 187 cases were actually in the various Sanatoria, comprising 43 admitted in 1920 and remaining under treatment at the expiry of that year and 144 new cases admitted during 1921.

In Table XII. immediate results are given for the year.

TABLE XII.

Immediate Results of Treatment of Sanatorium Cases in the year 1921.

	Ar- rested	Very Much im- proved.	Im- proved.	Station- ary and worse.	Dead.	Trans- ferred.	Treat- ment discon- tinued.	Still under Treat- ment
Kimberworth	12	15	7	8	3	23	5	0
Oakwood ..	14	4	6	3	10	1	3	29
Isolation ...	5	3	3	1	5	3	0	8
Meathop and Preston Hall	3	3	3	1	2	0	1	3
Total ..	34	25	19	13	20	27	9	40

It should be observed that cases in all stages of severity were taken for treatment, and that accordingly the figures are not statistically comparable with those of Sanatoria dealing with selected suitable cases only.

PULMONARY TUBERCULOSIS (PHTHISIS).

The following Table gives the number of cases notified and the number of deaths that have occurred, together with the death-rate per 1,000 living, during the past 22 years in the Borough of Rotherham :—

Year.			Deaths.	Cases Notified.	Death-rate per 1,000.
1900	..	..	55	—	1.02
1901	..	..	42	—	.75
1902	..	..	45	—	.79
1903	..	..	43	—	.76
1904	..	..	39	—	.66
1905	..	..	45	—	.75
1906	..	..	36	64	.58
1907	..	..	48	98	.76
1908	..	..	62	91	.97
1909	..	..	44	131	.69
1910	..	..	51	70	.77
1911	..	..	52	136	.83
1912	..	..	55	118	.87
1913	..	..	68	153	1.05
1914	..	..	82	131	1.25
1915	..	..	66	116	1.01
1916	..	..	62	175	.95
1917	..	..	60	97	.91
1918	..	..	73	116	1.11
1919	..	..	68	90	.93
1920	..	..	50	81	.68
1921	..	..	63	75	.92

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS, 1912.

Summary of Notifications during the period from 1st January, 1921, to
1st January, 1922.

NUMBER OF PRIMARY NOTIFICATIONS.

Age Periods.	0 to 1	1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 and upwards.	Total Primary Notifications.	Total Notifica- tions Form A.	Poor Law Institutions.	Sanatoria.
Pulmonary Males .....	..	1	2	3	2	..	9	5	11	4	1	38	40	1	80
Pulmonary Females .....	..	1	..	3	11	4	3	8	6	1	..	37	37	1	59
Non-pulmonary Males	2	5	3	1	3	1	..	1	..	..	..	16	16	..	6
Non-pulmonary Females	1	..	1	5	2	..	1	..	..	..	..	10	10	..	2

HOUSING CONDITIONS.

Statistics for the year ended 31st December, 1921.

1.—NUMBER OF HOUSES ERECTED DURING THE YEAR.

(a)	Total	...	...	...	...	...	...	234
(b)	As part of a Municipal Housing Scheme	...	...					225

2.—UNFIT DWELLING-HOUSES.

I.—INSPECTION.

(1)	Total number of Dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	...	...	...	...	...	...	338
(2)	Number of Dwelling-houses which were inspected and recorded under the Housing (Inspection of District) Regulations, 1910	...	...	...	...	...	...	338
(3)	Number of Dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	...	...	...	...	...	...	28
(4)	Number of Dwelling-houses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation	...	...	...	...	...	...	182

II.—REMEDY OF DEFECTS WITHOUT SERVICE OF FORMAL NOTICES.

Number of defective Dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	79
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III.—ACTION UNDER STATUTORY POWERS.

A. Proceedings under Section 28 of the Housing, Town Planning, etc., Act, 1919.

(1)	Number of Dwelling-houses in respect of which notices were served requiring repairs	—
-----	---	-----	-----	-----	---

(2)	Number of Dwelling-houses which were rendered fit	
(a)	By Owners	—
(b)	By Local Authority in default of Owners ...	—
(3)	Number of Dwelling-houses in respect of which Closing Orders became operative in pursuance of declarations by Owners of intention to close ...	—

B. Proceedings under Public Health Acts.

(1)	Number of Dwelling-houses in respect of which notices were served requiring defects to be remedied	4046
(2)	Number of Dwelling-houses in which defects were remedied :—	
(a)	By Owners	3629
(b)	By Local Authority in default of Owners ...	—

C. Proceedings under Sections 17 and 18 of the Housing, Town Planning, etc., Act, 1909.

(1)	Number of representations made with a view to the making of Closing Orders	30
(2)	Number of Dwelling-houses in respect of which Closing Orders were made	6
(3)	Number of Dwelling-houses in respect of which Closing Orders were determined, the dwelling-houses having been rendered fit	—
(4)	Number of Dwelling-houses in respect of which Demolition Orders were made	—
(5)	Number of Dwelling-houses demolished in pursuance of Demolition Orders	—
(6)	Number of Dwelling-houses demolished voluntarily after representation but without the making of Demolition Orders	—

TABLE SHOWING AGES AND CAUSES OF DEATH FOR THE
YEAR 1921.

DISEASES.	AGES.														All Ages
	0	1	5	10	15	20	25	35	45	55	65	75	85		
Measles		1												1	
Scarlet Fever.....		1												1	
Epidemic Influenza	9	13	1	1			4	7	9	8	6	3		61	
Whooping Cough	8	9	2											19	
Diphtheria		1												1	
Enteric Fever		1												1	
Diarrhœa, Dysentery	10	1												11	
Epidemic Enteritis	4	2												6	
Syphilis	1	1												2	
Erysipelas.....							1							1	
Pyæmia.....	1					1								2	
Other Allied Diseases										1				1	
Tuberculosis of Brain		4	1	5	2									12	
Tuberculosis of Larynx.....							1							1	
Phthisis.....		1		4	5	12	6	18	9	7	1			63	
Abdominal Tuberculosis		3		1					1					5	
General Tuberculosis			1											1	
Other forms of Tuberculosis		2	1	2			1							6	
Gout											1			1	
Cancer					1		2	7	21	21	12	5		69	
Diabetes Mellitus		1					1		3	3	1			9	
Anaemia		1		1		1	2		1	2	1			9	
Premature Birth	40													40	
Injury at Birth	1													1	
Debility at Birth	1													1	
Congenital Defects	11	2												13	
Atrophy, Debility, Marasmus	4								2					6	
Rickets		1												1	
Old Age, Senile Decay										1	10	35	8	54	
Convulsions	7	3												10	
Meningitis.....	1	2												3	
Encephalitis							1							1	
Softening of Brain											5	1		6	
Hemiplegia.....									1		1	1		3	
General Paralysis of Insane.....								2	1					3	
Other forms of Insanity								1						1	
Chorea.....				1										1	
Cerebral Tumour											1			1	
Epilepsy					1				1					2	
Laryngismus Stridulus									1					1	
Locomotor Ataxy									1	1				2	
Paraplegia							1							1	
Other Forms, Brain Diseases					1				8	7	16	2		34	
Otitis			1	1		1								3	
Diseases of Eye											1			1	
Endocarditis					1	1	2	7	4	6	6	1		28	
Angina Pectoris.....											2			2	

Table Showing Ages and Causes of Death for the Year 1920—Continued.

DISEASES.	AGES.													All Ages
	0	1	5	10	15	20	25	35	45	55	65	75	85	
Aneurism										2	1			3
Embolism, Thrombosis								1			2	2		5
Other Diseases Heart and Vessels ..			1	1	1			2	2	9	19	18	3	56
Laryngitis.....		1												1
Croup		1												1
Acute Bronchitis	17	12							3		1	5		38
Chronic Bronchitis						1		1	10	12	13	15	1	53
Lobar Pneumonia			1	1		2	3	4	2	3	2			18
Lobular Pneumonia	34	23	3					1	2	3	1		1	68
Pneumonia		3	2	3	1	2	1	4	2	4	3		2	27
Emphysema, Asthma			1											1
Pleurisy			1				1	1			1			4
Ulcer of Stomach and Duodenum ..					1	1	1	3	2	1				9
Other Diseases of Stomach	3								1	1	1	1		7
Enteritis	10													10
Appendicitis		1	1			1	1	1	2					7
Obstruction of Intestine			1							2	2			5
Other Diseases of Intestine.....	1													1
Cirrhosis of Liver							1			1				2
Other Diseases of Liver											1			1
Peritonitis					1			1						2
Other Diseases, Digestive System ..	3						1		1					5
Acute Nephritis.....						1			1					2
Bright's Disease						1	1	3	3	4	3	1		16
Calculus										1				1
Diseases of Bladder and Prostate ..											2			2
Other Diseases, Urinary System....									1					1
Diseases of Ovaries								1						1
Diseases of Vagina and External Genitals								1						1
Abortion, Miscarriage.....							1							1
Other Diseases, Pregnancy and Childbirth							4	3						7
Arthritis, Ostitis, Periostitis		1							2	1		1		5
Other Diseases, Ossseous System....									1					1
Accidents and Negligence—														
In Mines and Quarries										1				1
In Vehicular Traffic											1		1	2
Burns and Scalds		2	2									1		5
Drowning			1					1						2
Suffocation, overlaid in bed ..	1													1
Falls not specified.....		1			1		1				2			5
Otherwise, not stated					1									1
Suicides—														
By Poison								1						1
By Hanging, and Strangulation ..							1	1		1				3
By Drowning							1	2						3
By Shooting.....								1						1
Ill defined and unspecified cases ..		1					1	1	1	1		1		6
Grand totals	167	96	21	21	17	25	38	79	99	103	120	93	16	895

**DEATHS AT ALL AGES IN THE VARIOUS WARDS AND
PUBLIC INSTITUTIONS DURING 1921.**

	East.	St. Ann's.	Clifton.	South.	West.	North.	Thornhill.	Masbro'.	Kimberworth.	Workhouse.	Rotherham Hospital.	Isolation Hospital.	Other Public Institutions.	TOTALS.
January .	2	8	2	3	3	4	4	7	8	5	5	..	..	51
February	6	6	5	6	9	5	10	7	4	11	3	..	..	72
March ...	6	7	2	6	2	8	11	10	8	8	3	1	..	72
April	6	9	9	5	1	10	9	8	3	14	7	..	..	81
May	1	13	5	5	4	8	9	17	8	8	6	1	..	85
June	4	13	2	4	4	2	8	3	5	4	2	1	..	52
July	3	12	3	5	1	10	6	4	5	11	3	..	..	63
August ..	6	9	5	1	2	6	6	9	7	7	5	1	..	64
September	5	7	1	5	2	6	7	10	8	6	6	..	..	63
October .	3	8	5	2	5	8	6	4	6	6	5	..	..	58
November	12	13	4	4	5	12	15	13	16	17	5	2	..	118
December	6	12	4	7	11	11	13	9	16	21	6	..	..	116
Total	60	117	47	53	49	90	104	101	94	118	56	6	..	895

**SHOWING THE DEATH RATE AND THE INFANTILE MORTALITY
RATE, &c., IN THE VARIOUS WARDS DURING 1921.**

WARD.	No. of Houses.	Estimated Population.	Births (registered).	Birth Rate.	*Deaths.	Death Rate.	*Deaths under one year.	Infantile Mortality Rate per 1000 births.
East.....	1525	7752	145	18.71	60	7.74	8	55
St. Ann's	1734	8814	275	31.20	117	13.27	23	83
Clifton	1180	6068	109	17.96	47	7.74	4	36
South.....	1327	6594	119	18.04	53	8.03	8	67
West	1056	5468	154	28.16	49	8.96	18	117
North	1688	8582	433	50.46	90	10.48	25	57
Thornhill	1590	8083	273	33.78	104	12.86	30	109
Masbro'	1660	8439	231	27.37	101	11.97	19	82
Kimberworth	1622	8245	202	25.40	94	11.40	22	108
Total	13383	68045	1941	28.54	715	10.51	157	80

*These columns do not include the deaths in the Workhouse and Hospitals.

ISOLATION HOSPITAL, BADSLEY MOOR LANE.

During the year 1921, 155 cases were admitted into the above Institution, as compared with 153 for the year 1920.

The following Table gives details of the cases treated:—

				Cases.	Deaths.
Scarlet Fever	...	...	...	49	1
Diphtheria	...	...	...	29	1
Enteric Fever	...	...	...	50	3
Chicken Pox	...	...	...	2	—
Pneumonia	...	...	...	6	1
Pulmonary Tuberculosis	...	...	...	18	2
Baby born in Institution	...	...	...	1	0
				—	—
Total	...	...	...	155	8

The details of the previous year (1920) were as follows:—

				Cases.	Deaths.
Scarlet Fever	...	...	...	67	0
Diphtheria	...	...	...	38	3
Enteric Fever	...	...	...	5	1
Influenza	...	...	...	1	0
Pulmonary Tuberculosis	...	...	...	37	2
Measles	...	...	...	2	1
Pneumonia	...	...	...	1	0
Suspected Case of Cerebro Spinal Fever	...	...	...	1	0
Puerperal Fever	...	...	...	1	0
				—	—
Total	...	...	...	153	7

NUMBER OF CASES TREATED SINCE THE OPENING OF
THE HOSPITAL IN JANUARY, 1906.

	Scarlet Fever.	Diphtheria.	Enteric Fever.	Other Diseases.	Pulmonary Tuberculosis.	Total.
1906	464	7	14	..	..	495
1907	213	8	20	7	..	258
1908	86	19	48	4	..	157
1909	82	35	29	4	7	157
1910	113	32	19	19	13	193
1911	138	43	30	4	19	234
1912	216	35	36	3	22	312
1913	354	56	20	1	35	466
1914	624	48	26	..	..	698
1915	268	47	27	1	..	343
1916	86	44	14	1	..	145
1917	129	29	8	..	..	166
1918	68	28	5	23	11	135
1919	67	51	6	20	24	168
1920	67	38	5	6	37	153
1921	49	29	50	9	18	155
Total	3024	569	357	102	186	4238

The average number of patients daily was 22 during the year 1921.

ISOLATION HOSPITAL.

DETAILS OF CASES TREATED DURING 1921.

Disease.	Cases reported.	Cases admitted.		Total days in Hospital.	Average days in Hospital.	Deaths in Hospital.		Cases treated at home.	Deaths in home treated cases.	
		No.	Per cent.			No.	Per cent.		No.	Per cent.
Scarlet Fever ..	50	49	98.00	2208	45.06	1	2.04	1	—	—
Diphtheria	45	29	64.44	668	22.34	1	3.48	16	—	—
Enteric Fever ..	9	*†50	—	1588	31.76	3	6.00	—	—	—
Chicken Pox	2	2	100.00	71	35.5	—	—	—	—	—
Pneumonia	79	6	8.86	123	20.5	1	16.66	73	113	—
Pulmonary Tuberculosis.	75	18	24.00	3408	189.33	2	11.11	57	64	—
Baby born in Institution ..	—	1	—	2	2	—	—	—	—	—
Totals	260	155	59.61	8068	52.05	†8	5.16	147	—	—

* 32 cases of Enteric Fever were admitted from Bolton-upon-Dearne.

† 9 cases of suspected Enteric Fever were admitted and afterwards diagnosed as not Enteric Fever.

‡ 2 Deaths were Extra Urban.

VENEREAL DISEASES.

PRELIMINARY RETURN FOR THE YEAR ENDED THE
31st DECEMBER, 1921.

NAME OF TREATMENT CENTRE: County Borough of Rotherham Venereal Centre, "South View," Wellgate Mount, Rotherham.

A. Total number of persons dealt with during the year at or in connection with the out-patient clinic:—

	COLUMN 1.	COLUMN 2.	COLUMN 3.
	Number of persons who were under treatment or observation on January 1st, 1921.	Number of persons dealt with during the year for the first time.	Total.
(a) Syphilis	30	78	108
(b) Soft Chancre .	—	—	—
(c) Gonorrhoea . .	3	45	48
(d) Conditions other than venereal	—	23	23
Total ..	33	146	179

B. Total attendances of all patients during the year at the out-patient clinic...838.

C. Aggregate number of "In-patient days" of treatment during the year—nil.

ALFRED ROBINSON, M.D.,

Medical Officer of Health.

14th January, 1922.

VENEREAL DISEASES.

PRELIMINARY RETURN FOR THE YEAR ENDED THE
31st DECEMBER, 1921.

Name of Treatment Centre, Ferham House Maternity Home (V.D. Ward), Rotherham.

A. Total number of persons dealt with during the year at or in connection with the out-patient clinic :—

	COLUMN 1.	COLUMN 2.	COLUMN 3.
	Number of persons who were under treatment or observation on January 1st, 1921.	Number of persons dealt with during the year for the first time.	Total.
(a) Syphilis ...	—	—	—
(b) Soft Chancre .	—	—	—
(c) Gonorrhoea ...	—	12	12
(d) Conditions other than venereal ...	—	—	—
Total ...	—	12	12

B. Total attendances of all patients during the year at the out-patient clinic—7.

C. Aggregate number of “In-patient days” of treatment during the year—75.

ALFRED ROBINSON, M.D.,

Medical Officer of Health.

31st January, 1922.

RETURN RELATING TO ALL PERSONS WHO WERE TREATED AT THE TREATMENT CENTRE AT ROTHERHAM DURING THE YEAR ENDED THE 31ST DECEMBER, 1921.

	Syphilis.		Soft Chancre.		Gonorrhoea.		Conditions other than Venereal.		Total.	
	Males	Fem's	Males	Fem's	Males	Fem's	Males	Fem's	Males	Fem's
1. Number of persons who, on the 1st January, 1921, were under treatment or observation for:—	23	7	—	—	1	2	—	—	24	9
2. Number of persons dealt with during the year in the out-patient Clinic for the first time and found to be suffering from:—										
Syphilis only	49	29	—	—	—	—	—	—	49	29
Gonorrhoea only	—	—	—	—	42	3	—	—	42	3
Conditions other than venereal	—	—	—	—	—	—	19	4	19	4
Total—Item 2	49	29	—	—	42	3	19	4	110	36
Total—Items 1 and 2	72	36	—	—	43	5	19	4	134	45
3. No. of persons who ceased to attend the out-patient Clinic										
(a) before completing the first course of treatment for.	28	4	—	—	24	1	—	—	52	5
(b) after one or more courses but before completion of treatment for	12	6	—	—	—	—	—	—	12	6
(c) after completion of treatment, but before final tests as to cure of	10	7	—	—	11	2	—	—	21	9
4. Number of persons transferred to other Treatment Centres after treatment for	—	—	—	—	—	—	—	—	—	—
5. Number of persons discharged from the out-patient Clinic after completion of treatment and observation for	1	1	—	—	1	—	—	—	2	1
6. Number of persons who, on the 1st January, 1922, were under treatment or observation for	21	18	—	—	7	2	—	—	28	20
Total—Items 3, 4, 5 and 6	72	36	—	—	43	5	—	—	115	41
7. Total attendances of all persons at the out-patient Clinic who were suffering from	410	243	—	—	146	14	21	4	577	261
8. Aggregate number of "In-patient days" of treatment given to persons who were suffering from	—	—	—	—	—	—	—	—	—	—
9. Examinations of Pathological material:—					For detection of				For Wassermann Reaction.	
(a) Specimens which were examined at, and by the Medical Officer of Health					Spirochetes.		Gonococci.		Other Organisms.	
(b) Specimens from persons attending at the Treatment Centre which were sent for examination to an approved laboratory					—		8		—	
					—		5		140	

STATEMENT SHOWING THE SERVICES RENDERED AT THE TREATMENT CENTRE DURING THE YEAR,
CLASSIFIED ACCORDING TO THE AREAS IN WHICH THE PATIENTS RESIDED.

(Yorkshire West Riding).

Name of County or County Borough (or Country in the case of persons residing elsewhere than in England and Wales).	Rotherham.	Rawmarsh.	Malby.	Canklow.	Swinton.	Thurcroft.	Thrybergh.	Greasboro'.	Mexboro'.	Whiston.	Wickersley.	Kilnhurst.	Bramley.	Sandal.	Dinnington.	Manchester.	Sheffield.	Total.
A. Number of persons from each area dealt with during the year at on in connection with the out-patient Clinic for the first time and found to be suffering from :—																		
Syphilis	52	7	4	2	1	1	3	1	3	1	1	1	—	—	—	1	—	78
Soft chancre	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Gonorrhoea	32	3	2	—	—	—	2	2	—	1	—	—	2	1	—	—	—	45
Conditions other than venereal	18	3	—	—	1	—	—	—	—	—	—	—	—	—	1	—	—	23
Total	102	13	6	2	2	1	5	3	3	2	1	1	2	1	1	1	—	146
B. Total number of attendances at the out-patient Clinic of all patients residing in each area	564	84	33	21	8	1	21	17	32	9	4	11	14	5	1	9	4	838
C. Number of doses of Salvarsan substitutes given in the out-patient Clinic	394	56	25	12	7	—	13	7	29	3	3	11	—	—	—	9	4	573

D. Give the names of Salvarsan substitutes used in the treatment of syphilis and the usual initial and final doses

N.A.B. .45 gm. .6 gm.

E. State the amount and kind of treatment usually administered to a case of Syphilis of each of the types usually dealt with at the Treatment Centre

10 or more injections per course with 1-2 months intervals. Courses (usually three) continued until Wassermann negative. Last Wassermann taken 6 months to 1 year after last course and following a provocative N.A.B. Associated with this, one grain of Mercury each week.

F. State the nature of tests applied in deciding as to discharge of patients referred to in Item 5 on previous page

For Syphilis—Negative Wassermann taken, provocative N.A.B. following treatment (see above) two years.
For Gonorrhoea—Sound passed, prostatic massage and smears with negative results.

(Signed) A. ROBINSON, M.D., Medical Officer of Health.

	Syphilis.		Soft Chancre.		Gonorrhoea.		Conditions other than Venereal.		Total.	
	Males	Fem's	Males	Fem's	Males	Fem's	Males	Fem's	Males	Fem's
Number of persons dealt with during the year in the out-patient Clinic for the first time and found to be suffering from :—										
Gonorrhoea only	—	—	—	—	—	12	—	—	—	12
Number of persons transferred to other Treatment Centres after treatment for	—	—	—	—	—	7	—	—	—	7
Number of persons discharged from the V.D. Ward after completion of treatment and observation for	—	—	—	—	—	5	—	—	—	5
Total	—	—	—	—	—	12	—	—	—	12
Total attendances of all persons at the out-patient Clinic who were suffering from										
Aggregate number of “ In-patient days ” of treatment given to persons who were suffering from	—	—	—	—	—	7	—	—	—	7
	—	—	—	—	—	75	—	—	—	75

	For detection of			For Wassermann Reaction.
	Spirochetes.	Gonococci.	Other Organisms.	
Examinations of Pathological material :—				
(a) Specimens which were examined at and by the Medical Officer of Health	—	9	—	—
(b) Specimens from persons attending at the Treatment Centre which were sent for examination to an approved laboratory.....	—	—	—	2

STATEMENT SHOWING THE SERVICES RENDERED AT THE TREATMENT CENTRE DURING THE YEAR,
CLASSIFIED ACCORDING TO THE AREAS IN WHICH THE PATIENTS RESIDED.

- A. Number of persons from each area dealt with during the year at or in connection with the V.D. Ward for the first time and found to be suffering from :—Gonorrhoea—Rotherham, 12.
- B. Total number of attendances at the out-patient Clinic of all patients residing in each area—Rotherham, 7.
- C. Aggregate number of “ In-patient days ” of all patients residing in each area—Rotherham, 75.
- D. State the nature of tests applied in deciding as to discharge of patients referred to : Smears examined and found negative

DIPHTHERIA.

Year.	Estimated Population.	Total No. of Cases Notified.	No. of Deaths Registered.	Fatality per cent.	No. of Cases treated in Hospital.	Attack Rate per 1,000 Population.	Percentage removed to Hospital.	Mortality per 1,000 Population.
1890	38000	27	6	22.2	—	.71	—	.16
*1891	43000	12	2	16.6	—	.28	—	.05
1892	44000	17	2	11.8	—	.4	—	.04
1893	46000	10	1	10	—	.21	—	.02
1894	47000	15	2	13.3	—	.32	—	.04
1895	48000	15	3	20	—	.31	—	.06
1896	50000	29	5	17.24	—	.58	—	.1
1897	52000	30	12	40	—	.58	—	.23
1898	53000	15	5	33.3	—	.28	—	.09
1899	57000	21	9	42.86	—	.37	—	.16
1900	59000	46	12	26.0	—	.78	—	.2
*1901	56000	43	6	13.3	—	.80	—	.10
1902	57000	81	9	11.1	—	1.4	—	.16
1903	58000	115	16	13.9	—	1.98	—	.28
1904	59000	77	8	10.4	6	1.3	7.8	.13
1905	60000	43	8	18.6	4	.70	9.3	.13
1906	61500	62	7	11.3	17	1.01	27.4	.11
1907	62500	44	9	20.4	18	.70	41	.14
1908	64000	56	7	12.5	19	.87	33	.11
1909	65000	58	8	13.8	35	.89	60	.12
1910	66500	47	6	12.7	32	.71	68	.09
*1911	62700	67	2	3.0	43	1.07	64	.03
1912	63500	58	9	15.5	35	.91	60	.14
1913	64500	91	11	12.1	56	1.41	61.5	.17
1914	65300	99	8	8.08	48	1.51	48.48	.12
1915	65300	89	15	16.85	47	1.36	51.68	.23
1916	65300	67	3	6.47	44	1.02	65.67	.04
1917	65300	34	2	5.88	29	.52	85.29	.03
1918	65300	29	5	17.24	28	.44	96.55	.07
1919	72800	62	5	8.06	51	.85	82.25	.068
1920	72800	55	4	7.27	38	.75	69.08	.05
1921	68045	45	1	2.22	29	.66	64.44	.01

* Census year.

DIPHTHERIA.

Showing the Ward distribution of this disease during 1921.

	East.	St. Ann's.	Clifton.	South.	West.	North.	Thornhill.	Masbro'.	Kimberworth.	Total.
January	1	..	..	1	..	..	..	2	1	5
February .....	..	..	..	1	1	1	..	..	..	3
March .....	..	..	1	..	1	..	..	2	1	5
April .....	..	2	..	..	..	2	..	1	..	5
May .....	..	1	..	1	..	1	..	..	1	4
June .....	..	..	..	..	..	1	..	1	..	2
July .....	..	..	..	..	..	..	..	1	6	7
August .....	..	1	..	..	..	2	1	..	..	4
September .....	..	1	..	1	..	..	..	1	..	3
October	1	..	1	..	..	..	..	..	..	2
November .....	..	2	1	..	..	..	..	..	..	3
December .....	..	..	..	1	..	..	..	..	1	2
Totals	2	7	3	5	2	7	1	8	10	45

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1921.

Notifiable Disease.	Number of Cases Notified.							Total Cases Notified in each Locality (e.g., Parish or Ward) of the District.									Total Cases re- moved to Hospital.						
	At all ages.	At Ages—Years.						1	2	3	4	5	6	7	8	9							
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 45.	45 to 65.											65 and upwards.					
Smallpox .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cholera (C) Plague (P)	45	6	34	2	2	1	..	..	7	3	5	2	7	1	8	10	4	4	4	4	4	4	29
Diphtheria	44	1	1	1	22	16	3	..	4	7	7	9	2	5	4	7	2	2	2	2	2	2	49
Erysipelas	50	16	23	11	..	..	..	..	7	3	7	8	2	2	8	4	4	4	4	4	4	4	50
Scarlet Fever .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Typhus Fever	9	3	1	3	2	..	..	..	1	..	..	7	1	..	..	..	..	..	..	..	..	..	..
Enteric Fever .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Continued Fever (C)	2	..	..	1	1	..	..	..	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..
Puerperal Fever .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cerebro-spinal Meningitis	80	31	28	7	1	..	..	..	10	6	6	5	9	15	8	13	5	5	5	5	5	5	143
Measles	18	..	..	..	25	22	1	..	3	4	3	2	2	3	2	2	15	15	15	15	15	15	..
Ophthalmia Neonatorum	75	2	8	17	2	..	..	..	15	4	3	3	7	14	15	9	3	3	3	3	3	3	..
Pulmonary Tuberculosis	26	3	10	6	2	..	..	..	5	..	1	..	4	4	3	3	3	3	3	3	3	3	..
Other forms of Tuberculosis .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dysentery	79	4	10	7	23	12	9	..	7	8	8	2	9	5	17	10	10	10	10	10	10	10	6
Pneumonia	2	1	..	..	..	..	..	..	..	..	..	..	2	2	..	..	..	..	..	..	..	..	2
Chicken Pox .....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals	430	39	79	115	55	78	13	46	60	31	37	38	45	56	59	58	27	9	27	9	27	9	27

**SHOWING DENSITY OF POPULATION AND PREVALENCE OF CERTAIN
DISEASES IN THE VARIOUS WARDS DURING 1921.**

WARD.	Number of Houses.	Population.	Acreage	Density per acre.	Cases notified during 1921			
					Scarlet Fever.	Diphtheria.	Enteric Fever	Pulmonary Tuberculosis
East	1525	7752	480	16.15	9	2	..	5
St. Ann's	1734	8814	131	67.28	7	7	1	15
Clifton	1180	6068	524	11.58	3	3	..	4
South	1327	6594	436	15.12	7	5	..	3
West	1056	5468	530	10.31	8	2	7	3
North	1688	8582	318	26.99	2	7	1	7
Thornhill	1590	8083	196	41.24	8	1	..	14
Masbro'	1660	8439	412	20.48	2	8	..	15
Kimberworth	1622	8245	2930	2.81	4	10	..	9
Totals	13383	68045	5957	11.42	50	45	9	75

STATISTICS AS TO SCARLET FEVER SINCE 1888.

Year	Approximate Population	No. of Cases of Scarlet Fever Notified or Ascertained	No. of such Patients isolated in Hospital.	Total Deaths registered from Scarlet Fever.	Mortality per cent.	Percentage removed to Hospital.
1888	36,182	128	..	12	10.6	..
1889	36,807	187	..	23	12.2	..
1890	37,907	206	..	33	16.0	..
*1891	43,000	131	..	10	7.6	..
1892	44,000	111	..	8	7.2	..
1893	46,000	72	..	4	5.5	..
1894	47,000	325	..	25	7.6	..
1895	48,000	178	..	12	6.7	..
1896	50,000	259	..	4	1.5	..
1897	51,000	212	..	19	8.9	..
1898	52,000	219	..	13	5.9	..
1899	53,000	258	2	14	5.4	0.7
1900	54,000	726	54	35	4.6	7.4
*1901	56,000	267	61	5	1.8	22.8
1902	57,000	127	31	3	2.3	24.4
1903	58,000	246	17	9	3.6	6.9
1904	59,000	168	51	4	2.3	30.3
1905	60,000	429	174	17	3.9	40.5
1906	61,500	657	479	15	3.1	71.3
1907	62,500	318	218	2	.62	68.5
1908	64,000	125	86	3	2.2	68.0
1909	65,000	110	82	..	..	74.5
1910	66,500	147	115	4	2.72	78.2
*1911	62,700	176	138	3	1.70	78.4
1912	63,500	269	216	6	2.23	80.0
1913	64,500	417	354	7	1.67	80.1
1914	65,300	778	624	12	1.54	80.20
1915	65,300	347	268	4	1.54	77.23
1916	65,300	96	86	..	..	89.58
1917	65,300	154	129	5	3.24	83.76
1918	65,300	72	68	2	2.77	94.4
1919	72,800	80	67	1	1.25	83.75
1920	72,800	89	67	..	..	77.03
*1921	68,045	50	49	1	2.04	98.00

* Census years.

**NUMBER OF CASES OF INFECTIOUS DISEASES REPORTED IN EACH
MONTH OF THE YEAR 1921.**

	Chicken Pox	Measles.	Pneumonia	Scarlet Fever.	Diphtheria.	Enteric Fever.	Puerperal Fever.	Ophthalmia Neonatorum.	Erysipelas.	Total.
January	29	..	1	5	1	..	4	8	48
February	8	8	6	3	..	1	2	2	30
March	12	10	4	5	1	..	1	3	36
April	6	5	6	5	..	..	1	2	25
May	4	3	1	4	..	..	2	5	19
June	5	4	3	2	..	..	2	3	19
July	3	2	6	7	..	..	1	1	20
August	2	4	..	4	..	..	1	2	13
September	1	..	5	3	7	..	2	2	20
October	2	..	..	7	2	..	..	2	3	16
November	7	14	8	3	..	1	..	10	43
December	3	29	3	2	..	..	..	3	40
Totals	2	80	79	50	45	9	2	18	44	329

ANTI-VACCINATION.

The following Table shows the increase of "Conscientious" Objectors in Rotherham During the last 15 years :—

						No. of "Conscientious" Objectors.
1907	...	...	...	...	...	17
1908	...	...	...	...	...	126
1909	...	...	...	...	...	174
1910	...	...	...	...	...	257
1911	...	...	...	...	...	300
1912	...	...	...	...	...	394
1913	...	...	...	...	...	546
1914	...	...	...	...	...	678
1915	...	...	...	...	...	512
1916	...	...	...	...	...	685
1917	...	...	...	...	...	587
1918	...	...	...	...	...	385
1919	...	...	...	...	...	722
1920	...	...	...	...	...	1037
1921	...	...	...	...	...	954

MEASLES.

The following table gives details of the deaths occurring from Measles in Rotherham during the last 19 years:—

Year.	0 to 5 years.	5 to 10 years.	Over 10 years.	Total.
1903	24	..	..	24
1904	36	1	..	37
1905 .....	..	..	..	..
1906	57	7	..	64
1907	25	3	..	28
1908	47	5	..	52
1909	13	1	..	14
1910	29	1	..	30
1911	50	4	1	55
1912	89	3	1	93
1913	7	..	..	7
1914	18	2	..	20
1915	31	4	..	35
1916	2	1	1	4
1917	36	4	..	40
1918	13	4	..	17
1919	85	12	..	97
1920	2	..	..	2
1921	1	..	..	1
Totals	565	52	3	620

BACTERIOLOGICAL LABORATORIES.

The following are the details of the work in this department since the Laboratory was established in the year 1902:—

Diphtheria	...	...	...	4020
Tuberculosis	...	...	...	3093
Typhoid Fever	...	...	...	822
Ringworm	...	...	...	148
Other Examinations	...	...	...	322
Total	...	...	...	8405

SUMMARY OF BACTERIAL WORK 1921.

	Positive.	Negative.	Doubtful.	Total.
Diphtheria	64	201	16	281
Pulmonary Tuberculosis	51	234	..	285
Enteric Fever	17	75	9	101
Gonorrhoea	11	16	3	30
Other Examinations	12	18	2	32
Totals	155	544	30	729

DIPHTHERIA ANTITOXIN SERUM.

During the year 1921, 112 phials of Antitoxin were distributed free to houses where Diphtheria had been reported.

The following Table shows the number of phials which have been distributed during the last 13 years :—

Year.						No.
1908	...	...	...	...	...	36
1909	...	...	...	...	...	45
1910	...	...	...	...	...	44
1911	...	...	...	...	...	98
1912	...	...	...	...	...	102
1913	...	...	...	...	...	168
1914	...	...	...	...	...	156
1915	...	...	...	...	...	144
1916	...	...	...	...	...	132
1917	...	...	...	...	...	60
1918	...	...	...	...	...	60
1919	...	...	...	...	...	150
1920	...	...	...	...	...	144
1921	...	...	...	...	...	112

RAINFALL.

The following information with reference to the Rainfall in Rotherham during the year 1921 has been kindly supplied to me by Mr. Kershaw, the Sewage Works Manager. The details were taken at the Corporation Sewage Works :—

	No. of Wet Days.	Rain-fall in inches.	Maximum daily fall.	
			Day.	Inches.
January	17	2.17	Saturday, 1st	.40
February.....	2	.19	Friday, 25th.	.14
March	10	.92	Friday, 4th.	.17
April	7	.80	Saturday, 9th	.21
May	9	1.15	Monday, 2nd	.24
June	6	.48	Saturday, 4th	.18
July.....	4	.25	Monday, 25th	.11
August	16	4.50	Thursday, 11th.	1.58
September	5	.64	Monday, 12th	.22
October	8	1.39	Monday, 3rd	.48
November	6	1.36	Wednesday, 2nd	.46
December	13	2.79	Tuesday, 27th	.71
	103	16.64		

ILLNESS AMONGST SCHOOL CHILDREN.

The following Table gives the months during which various non-notifiable infectious diseases have been most prevalent during 1921 amongst the children attending the Public Elementary Schools:—

	Measles.	Whooping Cough.	Chicken Pox.	Mumps.	Ring- worm.
January	42	29	36	156	45
February	22	44	23	208	46
March	22	56	19	120	37
April	15	82	8	56	40
May	10	102	7	32	38
June	4	115	11	17	31
July.....	3	114	11	10	36
August .....	...	41	8	2	28
September	3	24	5	15	34
October	6	31	11	14	27
November	8	26	12	11	23
December	7	21	9	14	24
Totals	142	685	160	655	409

PRIVY CONVERSIONS DURING 1921.

WARD.	No. of privies in respect of which notices were served (May, 1910).	No. not certified by M.O.H. as a nuisance.	No. certified as a nuisance by M.O.H. during 1921.	No. outside drainage area.	NUMBER CONVERTED DURING 1921.				No. not certified as a nuisance converted without notice.	Total under notice.	Number outstanding.
					1st quarter.	2nd quarter.	3rd quarter.	4th quarter.			
East	280	21	—	—	2	6	6	—	—	14	7
St. Ann's	162	—	—	—	—	3	—	—	—	3	—
Clifton	123	2	—	8	—	—	—	—	—	—	15
South	130	—	—	—	—	—	—	—	—	—	2
West	109	1	1	7	—	—	—	—	—	—	1
North	203	2	—	5	2	—	—	—	—	2	7
Thornhill	124	—	—	1	—	—	—	—	—	—	1
Masbro'	91	—	—	6	—	—	—	—	—	—	24
Kimberworth	277	3	—	135	1	—	—	—	—	1	—
Totals	1499	29	1	162	5	9	6	—	—	20	57

MEAT AND FOOD INSPECTIONS.
FOOD SEIZED OR SURRENDERED AND DESTROYED DURING
THE YEAR 1921.

Articles of Food.	No.	Weight in lbs.	Proceedings	Penalties.
Carcases of :—				
Beasts	21	9444		
Sheep	13	760		
Calves	4	220		
Pigs	16	1787		
Lambs	2	65		
Portions of Carcases	11	784		
Sets of Offals	31	2480		
Lungs	143	1430		
Livers	83	1328		
Hearts	12	40		
Heads	47	705		
Plucks	79	544		
Udders	22	220		
Tripes	35	1260		
Frozen Offals	—	3571		
Rabbits	903	1806		
Tinned Food	778	1556		
Fish	—	620		
Potatoes (Bags)	100	—		
Mussels (Bags)	5	—		
Bacon	—	32		
	2305	28652		

TUBERCULOSIS FOOD SEIZED OR SURRENDERED AND DESTROYED
DURING THE YEAR 1921.

Articles of Food.	No.	Weight in lbs.	Proceedings.	Penalties.
Carcases—				
Beasts	18	8464		
Pigs	5	500		
Sets of Offal	29	2320		
Lungs	131	1310		
Livers	26	376		
Heads and Plucks	54	941		
Udders	8	80		
Tripes	34	1224		
	305	15215		

SUMMARY OF SAMPLES PURCHASED UNDER THE SALE OF FOOD
AND DRUGS ACT DURING THE YEAR 1921.

No.	Nature of Sample.	Pure.	Adulterated.	Summonses Issued.	Dismissal or withdrawn.	Convictions.	Penalties, including Costs.
46	Milk	37	9	4	..	4	£24 2 0
	Informal Samples—						
12	Margarine	12	..	..	..	..
14	Butter	14	..	..	..	..
5	Pepper	5	..	..	..	..
7	Lard	7	..	..	..	..
2	Cream	2	..	..	..	..
6	Baking Powder	6					
92		83	9	4	..	4	£24 2 0

**SUMMARY OF SAMPLES TAKEN UNDER THE SALE OF FOOD AND
DRUGS ACT AND PROCEEDINGS TAKEN THEREON AND THE
RESULTS OF THE PROSECUTIONS.**

No.	Article Analysed.	Results.	Per cent.	Penalties, including Costs.
16	Milk	Milk Fat Non-fatty Solids Water	3.18 7.62 89.20 <hr/> 100.00	Letter of Caution from the Town Clerk and after "appeal to the cow" samples had been taken it was decided not to take legal proceedings
18	Milk	Milk Fat Non-fatty Solids Water	2.85 8.65 88.50 <hr/> 100.00	No action taken.
24	Milk	Milk Fat Non-fatty Solids Water	2.18 9.06 88.76 <hr/> 100.00	No action taken.
25	Milk	Milk Fat Non-fatty Solids Water	2.71 8.93 88.36 <hr/> 100.00	No action taken.
37	Milk	Milk Fat Non-fatty Solids Water	2.78 8.95 88.27 <hr/> 100.00	Fined £2 10 6
42	Milk	Milk Fat Non-fatty Solids Water	2.72 8.30 88.98 <hr/> 100.00	Fined £10 10 6
45	Milk	Milk Fat Non-fatty Solids Water	2.13 8.93 88.94 <hr/> 100.00	Fined £5 10 6
49	Milk	Milk-Fat Non-fatty Solids Water	3.36 7 59 89.05 <hr/> 100.00	Fined £5 10 6
60	Milk	Milk Fat Non-fatty Solids Water	2.89 8.19 88.92 <hr/> 100.00	No action taken.

COUNTY BOROUGH OF ROTHERHAM.

PUBLIC HEALTH (MILK AND CREAM) REGULATIONS 1912 AND 1917.

REPORT FOR THE YEAR ENDED 31st DECEMBER, 1921.

1. Milk ; and Cream not sold as Preserved Cream.

Number of Samples examined for the presence of a Preservative.	Number in which Preservative was reported to be present and Percentage of Preservative found in each sample.
Milk —	—
Cream. —	—

2. Cream sold as Preserved Cream.

(a) Instances in which samples have been submitted for analysis to ascertain if the statements on the label were correct.

(i)	Correct statements made	...	...	...	...	2
(ii)	Statements incorrect	...	...	...	...	—
	Total	...	...	...	...	<u>2</u>

(iii)	Percentage of Preservative found in each sample.	Percentage stated on Statutory label.
	.29 ... ..	.40
	.29 ... ..	.40

(b) Determinations made of Milk Fat in cream sold as Preserved Cream.

(i)	Above 35 per cent.	...	...	...	...	2
(ii)	Below 35 per cent.	...	...	...	...	—
	Total	...	...	...	...	<u>2</u>

(c) Instances where (apart from analysis) the requirements as to labelling or declaration of preserved cream in Article V. (1) and the proviso in Article V. (2) of the Regulations have not been observed.

NIL.

(d) Particulars of each case in which the Regulations have not been complied with and action taken.

NIL.

3. Thickening substances. Any evidence of their addition to cream or to preserved cream. Action taken where found.

NIL.

4. Other observations, if any.

NIL.

24th January, 1922.

INSPECTION OF WORKSHOPS AND WORKPLACES.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises.	Number of	
	Inspections.	Written Notices.
Workshops (including Workshop Laundries)	289	11
Workplaces (other than Outworkers' premises included in Part 3 of this Report)	—	—
Total	289	11

DEFECTS FOUND IN WORKSHOPS AND WORKPLACES.

Particulars.	Number of Defects.	
	Found.	Remedied.
Nuisances under the Public Health Acts :		
Want of cleanliness	6	6
Insufficient Sanitary Accommodation	4	4
Other Nuisances	2	2
Total	12	12

HOME WORK.

Outworkers' List, Section 107.

Nature of Work.	List received from Employers.			
	Sending twice in the year.		Sending once in the year.	
	Lists.	Outworkers.	Lists.	Outworkers.
		Workmen.		Workmen.
Wearing Apparel : Making, etc. ..	1	1	1	2
Total	1	1	1	2

REGISTERED WORKSHOPS.

Workshops on the Register (s. 131) at the end of the year :	Number.
Workshops	134
Bakehouses	5
Total number of Workshops on Register	139

OTHER MATTERS.

Class.	Number.
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Acts (s. 5, 1901) :	
Notified by H.M. Inspector	11
Reports (of action taken) sent to H.M. Inspector	11

INSPECTIONS.

Yard to yard and miscellaneous Inspections	...	...	...	...	17424
Inspections <i>re</i> Complaints	...	...	...	...	546
Re-visits <i>re</i> Complaints	...	...	...	...	3215
Visits <i>re</i> Sanitary Alterations	...	...	...	...	138
Inspections of work in progress	...	...	...	...	567
Visits to :—					
Slaughterhouses	...	...	...	...	1337
Dairies, Cowsheds and Milkshops	...	...	...	...	88
Tripe Boilers	...	...	...	...	185
Bakehouses	...	...	...	...	43
Workshops and Factories	...	...	...	...	289
Canal Wharfe <i>re</i> Boats	...	...	...	...	85
Cases of Infectious Diseases visited	...	...	...	...	97
Number of preliminary notices served	...	...	...	...	1749
Number of verbal intimations	...	...	...	...	211
Number of drains tested	...	...	...	...	160
Number of Samples taken under the Sale of Food and Drugs Act	...	...	...	...	92
Number of visits under the Diseases of Animals Acts	...	...	...	...	183
Number of reports to Water Engineer of wastes of water	...	...	...	...	99
Houses, Schools and Public Institutions Disinfected	...	...	...	...	127

NUISANCES ABATED.

Drains cleansed, relaid, trapped, ventilated, etc.	...	...	...	...	519
Waterclosets cleansed and repaired	...	...	...	...	329
Ashbins provided	...	...	...	...	1176
Roofs repaired and spouting cleansed and repaired	...	...	...	...	201
Stagnant water removed from cellars, etc.	...	...	...	...	21
Manure and offensive accumulations removed	...	...	...	...	19
Yards Paved and Repaired	...	...	...	...	126
Nuisances from Horses, Goats, Fowls, Rabbits, etc., abated	...	...	...	...	36
Dirty Houses cleansed	...	...	...	...	15
Rainwater Pipes and Sink Pipes disconnected	...	...	...	...	25
Swill Tubs removed	...	...	...	...	1
New Sinks provided or repaired	...	...	...	...	61
Ashpits abolished	...	...	...	...	83
New Sink Pipes provided or repaired	...	...	...	...	114
Damp Walls remedied	...	...	...	...	32
Smoking Fireplaces remedied and Flues repaired	...	...	...	...	39
House Floors renewed or repaired	...	...	...	...	74
Waterclosets rebuilt	...	...	...	...	22
Ceilings and Plaster repaired	...	...	...	...	120
Additional Waterclosets provided	...	...	...	...	12
Additional Manholes provided	...	...	...	...	5
House Ventilation Improved	...	...	...	...	10
Dirty Yards cleansed	...	...	...	...	22
Workrooms and Staircases cleansed and ventilated	...	...	...	...	14
Windows repaired	...	...	...	...	83
Street Nuisances	...	...	...	...	1
Urinals erected	...	...	...	...	1
Chimney Stacks repaired	...	...	...	...	1
Nuisances from Urinals abated	...	...	...	...	2
Nuisances in Factories and Workshops abated	3
Disused Wells filled in	1

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